

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L9/08 H04L9/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 365 589 A (GUTOWITZ HOWARD A) 15 November 1994 (1994-11-15) abstract column 34, line 25 - line 30	1-16
A	MENEZES, VANSTONE, OORSCHOT: "Handbook of Applied Cryptography" 1997, CRC PRESS LLC, USA, XP002297787 page 330 page 364 - page 365 page 397 - page 398 page 506 - page 507	1-16

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

24 September 2004

Date of mailing of the international search report

09/11/2004

Name and mailing address of the ISA

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San Millán Maeso, J

Information on patent family members

International Application No

PCT/JP2004/008653

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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US 5365589	A	15-11-1994	NONE
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